



M155 Messenger

The ultimate messaging device for healthcare and hospitality

At a Glance

- Appealing design, easy to use
- Increased accessibility
- Flexibility, comfort and mobility
- Messaging and voice -communications in one
- Personal alarm function
- Reduced communication and maintenance costs
- A simple, small and secure solution

The M155 Messenger is a sophisticated wireless messaging device for use in professional healthcare and hospitality environments. The small watch-like device is easy to wear and provides the mobile user the optimum in mobility, accessibility, flexibility and comfort. Besides a messaging device, the M155 also offers the mobile user speaker-phone communication and acts as a personal alarm device.

The M155 Messenger brings mobile messaging and speakerphone -communication for DECT users to the highest level of comfort, with:

- An appealing design
- Three-line display
- Easy to carry (on wrist or as necklace)
- Easy to use
- Gives users full control over their accessibility
- Provides various call control options and integrates seamlessly with the PBX and (messaging) applications

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- Complies with DECT standards for high quality speech and security (DECT authentication)
- Provides an excellent communications device for organisations that rely on messaging or alarm information sent to employees, such as in hospitals and hotel environments
- Is easy to service and maintain

Integrated with applications common in healthcare and hospitality, the M155 Messenger meets the needs of message communications in environments where conveying messages to the mobile user is of utmost importance.

The M155 Messenger can furthermore be used for voice communication and serves as a personal alarm device.



Features

Features M155 Messenger		
Call handling features	• Calls to preconfigured destinations only	• CLI (number and name): when presented by the system
	• Immediate emergency (SOS) call set up	• Talk time: 8 hours
	• Standby time: 80 hours	
Design	• Light, small ergonomic design: Optimized for comfort and ease of use as a messaging device, styled for professional environments	
Directory	• Emergency number	• Personal phone book with 5 entries
Display	• 3 line display for 42 characters	• Illuminated display: On incoming calls and message
	• Date/time indication: Based upon PBX clock	
Keys	• Operated by two keys only	
Localization	• Multiple supported languages: 5	• Dual frequency band
Menu	• Easy menu (for limited settings only)	
Messaging	• Messaging (LRMS) support	• Message broadcast support (receiving)
	• Use of predefined set of messages (normal priority only): 5	• Support of different priorities for incoming messages: Normal, urgent and emergency
Mobility/other	• Single subscription to DECT system	
Sound/Audio	• Adjustable ringer melody: 12	• Coverage warning
	• Loudspeaker mode/hands free mode only	• Silent mode
Security	• Automatic encryption for secure calls	
Service/maintenance	• Software upgrading via air interface ¹⁾	• Configurable by easy to use Configurator application
User interface	• Distinctive melodies for messages and priorities	• Status line indicators in the display

1) The DECT system to which the M155 Messenger is subscribed, should be able to support "software downloading over the air". Note that the M155 Messenger cannot be upgraded by any other means.

Technical Data

Memory
Storage capacity for:
• 1 emergency entry (number and optionally a message)
• 5 additional phonebook entries
• 5 predefined (reply) messages

Audible indicators
• Charger warning

Physical characteristics

Dimensions
Messenger: 55x43x17 mm
Charger: 95x58x20 mm
Weight
Messenger: 36 g
Charger & AC Adapter: 244 g
Protection
Messenger: IP20
Range
Indoor: 50 m max ²⁾
Outdoor: 300 m max ²⁾
Power Supply
Messenger: 3.7V, 400mAh Li-Polymer battery (non-replaceable).
Charger: Powered via attached AC/DC adapter
Input: 100-240VAC/50/60Hz/150mA
Output: 5VDC/350mA
Mains plug: ³⁾ Euro, UK, North America or Australia
Colour and Finishing
Messenger:
• Keys and rim around display: silver, non-gloss
• Body: black, non-gloss
Desktop Charger and AC Adapter:
• Desktop Charger: White, non-gloss
• AC Adapter: Black, non-gloss

Status line indicators
Status line indicators in the display are:
• Battery condition
• Field strength
• New message
• Phone book
• Ringing/Off hook
• Silent (Ringer and notification off)

Supported Menu languages
The M155 Messenger supports 5 selectable languages: English, French, German, Italian and Spanish

Package content

M155 Package contents
• M155 Messenger • Wrist strap • Neck strap • Reference guide (English)

Accessories

M155 Messenger Accessories
• Desktop charger and attached adapter

2) The range of the M155 Messenger depends on the environment and presence of obstacles

3) The mains plug contains a changeable part for the different power plugs

Environmental conditions

Temperature Range	
Operating:	0°C to +40°C
Transport:	-25°C to +70°C
Storage:	-5°C to +45°C
Relative Humidity	
Operating:	10 to 95%
Transport:	10 to 100%
Storage:	10 to 95%

Transmission

Transmission and frequency	
Transmitted Radio RF power:	Less than 250 mW ⁴⁾
Average Radio RF power:	10 mW
Frequency band EMEA⁵⁾:	1880 - 1900 MHz
Frequency band Latin America⁵⁾:	1910 - 1930 MHz
Frequency band North America⁵⁾:	1920 - 1930 MHz
4) When used in the North American frequency band, the M155 Messenger uses a lower RF power transmission (less than 120 mW).	
5) The frequency band is automatically selected by the M155 Messenger based on the frequency band used by the DECT system.	

Compliance

Compliance M155 Messenger	
The M155 Messenger carries a CE mark	
EMC:	EN301-489-1, EN301 489-6
EMF:	EN50360: 2001
DECT:	EN301 406, EN300 175 EN 300 444
Safety:	EN 60950-1

Directives and regulations

Directives and regulations Europe	
R&TTE directive 1999/5/EC	
EMC directive 2004/108/EC	
LVD directive 2006/95/EC	
ROHS directive 2002/95/EC and WEEE directive 2002/96/EC	
ERP directive 2009/125/EC	

Directives and regulations North America	
FCC part 15C, 15D	
RSS 210, RSS 213	
HAC/VC	

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